

#8

APPLICANT FACSIMILE OF FORM PTO-144B

REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

PKZ-013CP

SERIAL NO.

09/234,847

LIST OF PUBLICATIONS CITED BY APPLICANT
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AUG 26 1999

APPLICANT

Levy, S.B. and Nelson, M.L.

FILING DATE

January 22, 1999

GROUP

U.S. PATENT DOCUMENTS

ATTORNEY INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	A1 2,971,007	02/61	Cheney and Gottstein	260	335	
	A2 3,028,409	4/62	Stephens, Jr.	260	456	
	A3 3,029,284	04/62	Gordon	260	559	
	A4 3,104,240	09/63	Cheney et al.	260	247.2	
	A5 3,109,007	10/63	Blackwood et al.	260	346.2	
	A6 3,200,149	08/65	Blackwood et al.	260	559	
	A7 3,226,436	12/65	Petisi and Boothe	260	559	
	A8 3,228,962	01/66	McGregor and Cheney	260	326.3	
	A9 3,239,499	03/66	Rennhard and Stephens, Jr.	260	192	
BB	A10 3,247,250	04/66	Tamoria	260	559	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BB	A11 DE 2128432	12/71	Germany			
1	A12 CA 969930	06/75	Canada			
	A13 GB 1469384	04/77	United Kingdom			
	A14 WO 84/01895	05/84	PCT			
	A15 EP 435362	04/93	EPO			
	A16 EP 536515	04/93	EPO			
	A17 EP 618190	10/94	EPO			
BB	A18 WO 95/22529	08/95	PCT			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BP	A19	BAKHTIAR, M and S. SELWYN "Comparative Studies on the Bactericidal Activities of Tetracyclines, Chloramphenicol, and Other 'Bacteriostatic' Antibiotics" <i>Curr. Chemother. Immunother., Proc. Int. Congr. Chemother.</i> , 12 th , Periti, Piero; Gialdroni Grassi, Giuliana (Eds.), Am. Soc. Microbiol., Washington, D.C., Volume 1:76-77 (1982);
1	A20	BALL, P.R. et al. "Plasmid-mediated Tetracycline Resistance in Escherichia Coli Involves Increased Efflux of the Antibiotic" <i>Biochem. Biophys. Res. Comm.</i> 93:74-81 (March 13, 1980);
1	A21	BARDEN, T.C. et al. "Glycylcyclines'. 3. 9-Aminodoxycyclinecarboxamides" <i>J. Med. Chem.</i> 37:3205-3211 (1994);
BB	A22	BERGERON, J. et al. "Glycylcyclines Bind to the High-Affinity Tetracycline Ribosomal Binding Site and Evade Tet(M)- and Tet(O)-Mediated Ribosomal Protection" <i>Antimicrobial Agents and Chemotherapy</i> 40(9):2226-2228 (Sept. 1996);

Examiner

Bardis

Date Considered

6/3/00

*EXAMINER

Initial if reference considered, whether or not citation is in-conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449

REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

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09/234,847

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LIST OF PUBLICATIONS CITED BY APPLICANT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	B1	3,275,652	09/66	Martell, Jr. et al.	260	326	
	B2	Re. 26,253	08/67	Petisi and Boothe	260	559	
	B3	3,338,963 ✓	08/67	Petisi and Boothe	260	559	
	B4	3,341,585 ✓	09/67	Bitha et al.	260	559	
	B5	3,345,410	10/67	Winterbottom and Kissman	260	559	
	B6	3,360,557 ✓	12/67	Shu	260	559	
	B7	3,360,561 ✓	12/67	Zambrano	260	559	
	B8	3,373,196	03/68	Bitha and Hlavka	260	559	
	B9	3,388,162	06/68	Winterbottom and Kissman	260	559	
BB	B10	3,397,230	08/68	Winterbottom and Kissman	260	559	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BB	B11	BERNARDI, L. et al "Tetracycline Derivatives: I – Esters of 5-Oxytetracyclines: Chemistry and Biological Activity" // Farmaco – Ed. Sc. 29(12):902-909 (1974);
1	B12	BERNARDI, L. et al "Tetracycline Derivatives: Note II – A Practical Synthesis of Minocycline" // Farmaco – Ed. Sc. 30(9):736-741 (1975);
	B13	BERNARDI, L. et al. "Tetracycline Derivatives: Note III – 7- and 9-methyltetracyclines: Synthesis and Biological Activity" // Farmaco – Ed. Sc. 30(12):1025-1030 (1975);
	B14	BURDETT, V. "Streptococcal Tetracycline Resistance Mediated at the Level of Protein Synthesis" Journal of Bacteriology 165:564-569 (Feb. 1986);
	B15	CHOPRA, I. et al. "The Tetracyclines: Prospects at the Beginning of the 1980's" Journal of Antimicrobial Chemotherapy 8:5-21 (1981);
	B16	COMISSO, G. et al. "Synthesis, Conformational Studies and Enantioselective Homogeneous Catalytic Hydrogenation with CRC-PHOS, and Some Congeners" Croatica Chemica Acta 54(3):375-395 (1981);
	B17	CURIALE, M.S. and LEVY, S.B. "Two Complementation Groups Mediate Tetracycline Resistance Determined by Tn10" Journal of Bacteriology 151(1):209-215 (July 1982);
	B18	CURIALE, M.S. et al. "Intracistronic Complementation of the Tetracycline Resistance Membrane Protein of Tn10" Journal of Bacteriology 157(1):211-217 (Jan. 1984);
BB	B19	CURTIS, R.D. and R.E. WASYLISHEN "A Nitrogen-15 Nuclear Magnetic Resonance Study of the Tetracycline Antibiotics" Can. J. Chem. 69:834-838 (1991);

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80 <i>BB</i>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO PKZ-013CP	SERIAL NO. 09/234,847
LIST OF PUBLICATIONS CITED BY APPLICANT <i>NOV 25 1999</i> (use several sheets if necessary)		APPLICANT	Levy, S.B. and N Ison, M.L.	
		FILING DATE January 22, 1999	GROUP	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BB</i>	C1	3,518,306	06/70	Martell and Ross	260	559	
	C2	3,532,791	10/70	Johnston	424	227	
	C3	3,634,500	01/72	McCormick and Arnold	260	517	
	C4	3,636,081	01/72	McCormick and Arnold	260	473R	
	C5	3,835,190	09/74	Lazareva et al.	260	559	
	C6	3,863,009	01/75	Johnston	424	227	
	C7	3,901,942	08/75	Bernardi et al.	260	559	
	C8	3,907,889	09/75	Inaba et al.	260	559	
	C9	3,981,999	09/76	Shimizu et al.	424	251	
<i>BB</i>	C10	4,207,258	06/80	Broggi et al.	260	559	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>BB</i>	C11	EDLIND, T.D. "Tetracyclines as Antiparasitic Agents: Lipophilic Derivatives Are Highly Active against <i>Giardia lamblia</i> In Vitro" <i>Antimicrobial Agents and Chemotherapy</i> 33(12):2144-2145 (Dec. 1989);
	C12	JELJASZEWCZ, J. "Medical Uses of Tetracyclines" <i>New Trends in Antibiotics: Research and Therapy – Proceedings of the International Symposium on New Trends in Antibiotics: Research and Therapy</i> held in Milan, Italy, October 29-31, 1980. G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press, Amsterdam – New York – Oxford, pp. 45-55 (1981);
	C13	KATIYAR, S.K. and T.D. EDLIND "Enhanced Antiparasitic Activity of Lipophilic Tetracyclines: Role of Uptake" <i>Antimicrobial Agents and Chemotherapy</i> 35(11):2198-2202 (Nov. 1991);
	C14	KIRCHLECHNER, R. and W. ROGALSKI "Synthesis of 6-Thiatetraacycline, a Highly Active Analogue of the Antibiotic Tetracycline" <i>Tetrahedron Letters</i> 21:247-250 (1980);
	C15	LEVY, S.B. "Evolution and Spread of Tetracycline Resistance Determinants" <i>Journal of Antimicrobial Chemotherapy</i> 24:1-3 (1989);
	C16	LEVY, S.B. "Resistance to the Tetracyclines" <i>Antimicrobial Drug Resistance</i> (Bryan, L.E., ed.), Academic Press; Orlando, Florida, 1984, pp. 191-204;
	C17	LEVY, S.B. "The Tetracyclines: Microbial Sensitivity and Resistance" <i>New Trends in Antibiotics: Research and Therapy</i> . G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press pp. 27-44 (1981);
<i>BB</i>	C18	LEVY, S.B. "Tetracycline Resistance Determinants Are Widespread" <i>ASM News</i> 54(8):418-421 (1988);

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BB	D1	4,229,582	10/80	Kirchlechner	549	25	
	D2	4,293,539	10/81	Ludwig et al.	424	19	
	D3	4,439,433	03/84	Heymes et al.	424	246	
	D4	4,806,529	02/89	Levy	514	154	
	D5	5,021,407	06/91	Levy	514	154	
	D6	5,064,821	11/91	Levy	514	154	
	D7	5,258,372	11/93	Levy	514	154	
	D8	5,326,759	07/94	Hlavka et al.	514	227.5	
	D9	5,328,902	07/94	Sum et al.	514	152	
	D10	5,589,470	12/96	Levy	514	154	
BB	D11	5,834,450	11/98	Su	514	152	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BB	D12	LEVY, S.B. and McMURRY, L. "Detection of an Inducible Membrane Protein Associated with R-Factor-Mediated Tetracycline Resistance" <i>Biochemical and Biophysical Research Communications</i> 56(4):1060-1068 (1974);
	D13	MALCOM, A.D.B. "The Decline and Fall of Protein Chemistry?" <i>Nature</i> 275(14):90-92 (Sept. 1978);
	D14	MARTELL JR., M.J. et al. "The 6-Deoxytetracyclines. IX. Imidomethylation" <i>J. Med. Chem.</i> 10:359-363 (May 1967);
	D15	MCMURRY, L. et al. "Active Efflux of Tetracycline Encoded by Four Genetically Different Tetracycline Resistance Determinants in <i>Escherichia coli</i> " <i>Proc. Natl. Acad. Sci. U.S.A.</i> 77(7):3974-3977 (July 1980);
	D16	MCMURRY, L. and LEVY, S.B. "Two Transport Systems for Tetracycline in Sensistive <i>Escherichia coli</i> : Critical Role for an Initial Rapid Uptake System Insensitive to Energy Inhibitors" <i>Antimicrobial Agents and Chemotherapy</i> 114(2):201-209 (Aug. 1978);
	D17	MENDEZ, B. et al. "Heterogeneity of Tetracycline Resistance Determinants" <i>Plasmid</i> 3:99-108 (1980);
BB	D18	NELSON, M.L. et al. "Molecular Requirements for the Inhibition of the Tetracycline Antiport Protein and the Effect of Potent Inhibitors on the Growth of Tetracycline-Resistant Bacteria" <i>J. Med. Chem.</i> 37:1355-1361 (1994);

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BB	E1	OLIVA, B. et al. "Evidence that Tetracycline Analogs Whose Primary Target Is Not the Bacterial Ribosome Cause Lysis of <i>Escherichia coli</i> " <i>Antimicrobial Agents and Chemotherapy</i> 36(5):913-919 (May 1992);
	E2	OLIVA, B. and I. CHOPRA "Tet Determinants Provide Poor Protection against Some Tetracyclines: Further Evidence for Division of Tetracyclines into Two Classes" <i>Antimicrobial Agents and Chemotherapy</i> 36(4):876-878 (Apr. 1992);
	E3	PREWO, R. et al. "Chemical-Structural Properties of Tetracycline Derivatives. 10. The 6-Thiatetracyclines" <i>J. Am. Chem. Soc.</i> 102:7021-7026 (1980);
	E4	PREWO, R. and J.J. STEZOWSKI "The Crystal and Molecular Structure of Nonionized 6-Thiatetracycline Free Base" <i>Tetrahedron Letters</i> 21:251-254 (1980);
	E5	RASMUSSEN, B. et al. "Molecular Basis of Tetracycline Action: Identification of Analogs Whose Primary Target Is Not the Bacterial Ribosome" <i>Antimicrobial Agents and Chemotherapy</i> 35(11):2306-2311 (Nov. 1991);
	E6	RUSSELL, A.D. and I. AHONKHAI "Antibacterial Activity of a New Thiatetracycline Antibiotic, Thiacycline, in Comparison with Tetracycline, Doxycycline, and Minocycline" <i>Journal of Antimicrobial Chemotherapy</i> 9:445-449 (1982);
	E7	VALCAVI, U. "Tetracyclines: Chemical Aspects and Some Structure-Activity Relationships" <i>New Trends in Antibiotics: Research and Therapy – Proceedings of the International Symposium on New Trends in Antibiotics: Research and Therapy held in Milan, Italy, October 29-31, 1980.</i> G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press, Amsterdam – New York – Oxford, pp. 3-55 (1981);
BB	E8	VAN DEN BOGERT, C. et al. 'Doxycycline in Combination Chemotherapy of a Rat Leukemia' <i>Cancer Research</i> 48:6686-6690 (Dec. 1988).
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